

CHARTS
FLOW PLANS
PAINT NUMBERED
TREES

PERMANENT
SAMPLES

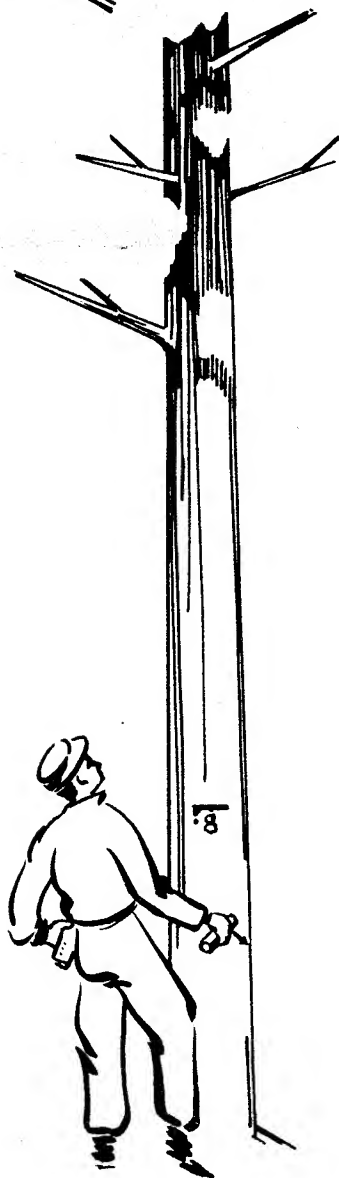
TIMBER
BOOKKEEPING

UNIT
RECORDS

THE DIAMETER
TAPE

TRIAL
BALANCE

PORT-A-
PUNCH



FOREST CONTROL

by

CONTINUOUS INVENTORY

"Today I have grown taller from walking
with the trees."

...Karle Wilson

Milwaukee, Wis. Sept. 1965 No. 138

MODERATION IN SILVICULTURAL MANAGEMENT OF THE FOREST

It is wise to restrain tendencies toward pure forest conditions when applying the silvicultural arts to forests long since grown in heterogeneous mixture. Modify the natural mixed forest in moderation lest epidemic incursions come to destroy both your efforts and your timber stands. Yellow birch in the north and tulip poplar in the central states are sensitive trees which have grown for millennia in mixture. These species will not take immoderate change without protest. Hot sun and drying soils will disturb their delicate biological balance in the forest. It is well to tread lightly along the trail toward monotypic conditions or heavy selective cuts for these species.

FORESTRY SCHOOL LIBRARY

SEP 1965

CAL STOTT



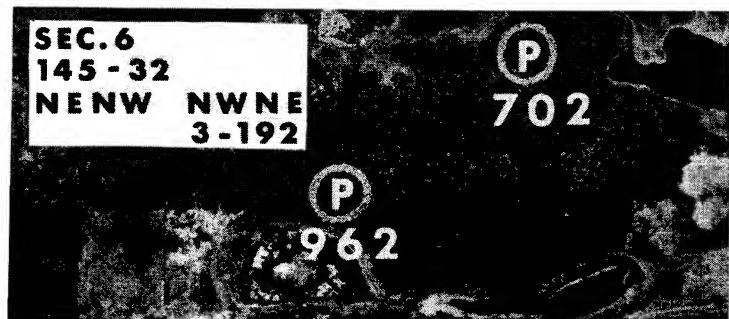
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CONCERNING THE ANALOGOUS TREATMENT OF CFI PLOTS AND ADJACENT AREAS

I have never failed to find the ordinary course of the forester's work in the woods both inspiring and educational. Even the strain of checking the first few weeks of permanent plot taking, with its array of the errors of inexperience, seldom dulls the finer senses. On the contrary, it sharpens them perceptibly and often contributes improvements of benefit to all. Thus it was last month on the lands of a paper company in northern Minnesota.

The chief forester and I had a series of thoughtful discussions on the manner, means, and importance of handling permanent plots and adjacent surrounding areas with identical standards of use and treatment. Here is what we decided and agreed upon:

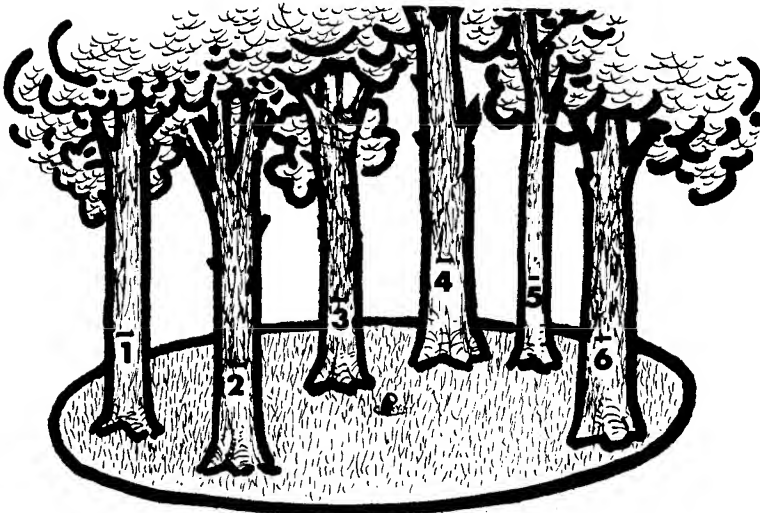
1. District foresters and timber contractors will be given written instructions for all cutting and cultural treatment within permanent CFI plots.
2. District foresters and timber contractors will be given inexpensive copies of aerial prints on which plot locations and numbers will be shown for operating areas.



A sample picture is shown

3. District foresters and timber contractors will be furnished with sticker seals similar to the sketched example. These seals will be attached to all copies of timber contracts and sample copies given to each timber cutter employed.

WHEN CUTTING IN PLOTS
DISREGARD TREE NUMBERS



CUT ALIKE INSIDE AND
OUTSIDE OF ALL PLOTS

4. District foresters will be given responsibility for compliance with CFI plot cutting instructions. They will make it their personal business to see that the jobbing contractor understands what is wanted and that each plot is properly handled while the cutters are still working in the immediate vicinity.

EXPLANATION OF MAP PREPARATION METHOD

Suitable maps are made from half-tone negatives of aerial prints. Reproduced on a multilith press, these inexpensive pictures show the plot location and number and give the complete legal description.

Cal Stott
Forester

DIVISION OF STATE AND PRIVATE FORESTRY
ELLIOT W. ZIMMERMAN
CHIEF

Forest Service, USDA
 North Central Region
 Division of State & Private Forestry
 710 North Sixth Street
 Milwaukee, Wisconsin 53203

Phone: 272-8600 Ext. 3682

Business Administration
 G. E. MEYER, Adm. Asst.
 A. VOGL, Chief Clerk
 S. GRACE O. OLSON
 B. RICHMAN J. LONGTINE

Forest Pest Control

L. H. MOORE
 Branch Chief

D. O. VANDENBURG
 Forest Insect Control

S. D. ADAMS
 C. E. CORDELL
 Forest Disease Control

Cooperative Forest Mgt.

A. C. FERGUSON
 Branch Chief

M. S. GOLDIE
 Management & Forestation

E. F. BIERESHEIMER
 Nursery Development

Cooperative Fire Control

W. R. TIKKALA
 Branch Chief

J. W. K. HOLLIDAY
 Fire Control

R. C. HATCH
 State Forestry Planning

B. L. FIELDS
 Fire Control Training
 (Salem, Missouri)

General Forestry Asst.

R. L. KNOX
 Branch Chief

W. G. STUMP &
 J. K. BROWNELL
 Utilization & Marketing

E. W. PRUETT
 Res. Dev. & Utilization
 (Appalachia)
 (Athens, Ohio)

V. W. MEYER
 Res. Dev. & Utilization
 (No. Gr. Lakes)
 (Duluth, Minnesota)

Cooperative Wtshd. Mgt.

R. E. LARSON
 Branch Chief

T. F. KOUBA
 Asst. Branch Chief

L. J. ASHBAUGH
 Watershed Planning

S. O. SILVER
 River Basins
 (Des Moines, Iowa)

H. A. LUCAS &
 R. L. KERR
 River Basins
 (Indianapolis, Indiana)